ABSTRACT OF THE DICLOSURE

A light emitting device includes a light emitting component having an active layer of a semiconductor and a phosphor capable of absorbing a part of light emitted from the light emitting component and emitting light of wavelength different from that of the absorbed light, wherein the light emitting component is a LED which has an active layer constituting a gallium nitride based semiconductor containing Indium and is capable of emitting a blue color light with a peak wavelength within the range from 420 to 490 nm. The phosphor is a garnet fluorescent material activated with cerium which is capable of absorbing a part of the blue color light and thereby emitting light having a broad emission spectrum with a peak wavelength existing around the range from 510 to 600 nm and a tail continuing into the region from 700 to 750 nm.